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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

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INFORMATION REPORT

CD NO. [REDACTED]

COUNTRY USSR (Bashkir SSR)

DATE DISTR 12 March 1952

25X1 SUBJECT Aircraft Engine Plant No. 26

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25X1

NO. OF ENCLS. 1
(LISTED BELOW)SUPPLEMENT TO
REPORT NO.

25X1

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25X1

1. Aircraft engine Plant No 26, Combine Zavod, was 12 km northeast of the center of Ufa, Bashkir S.S.R., west of the suburb of Chernikovsk between the Ufa and Belaya Rivers.

[REDACTED] the plant consisted of two sections, Section I being to the west of Section II. In Section I, [REDACTED]

[REDACTED] the assembly of the following parts. * A shaft with eight air vane wheels attached to one end was pushed into a cylindrical hollow piece, and a piece containing about eight pipes, approximately 20 cm in diameter, was screwed to the other side of the hollow piece. The daily output of these sets was estimated at about 15.

[REDACTED] boxes, [REDACTED] the [REDACTED] of the Junker's firm on [REDACTED] parts which were observed were required for the assembly or reconstruction of turbojet power plants. In Section II of the plant new engines were seen, including a 6-cylinder engine and a 12-cylinder V-engine. **

2. According to Soviet statements, the plant had a total work force of about 30,000, of whom 60 percent were women. Work was done in three shifts. In addition 15 PW specialists worked under the supervision of the chief designer of the Junker's Plant.

* [REDACTED] Comment. See Annex [REDACTED] sketch of these parts.

** [REDACTED] Comment. As the report dates back to December 1947, it is believed that the production [REDACTED] was the assembly or overhaul of German type Jumo-004 power plants. The production of jet engines is unlikely in Ufa at that time, and even information dating up to the end of 1948 does not indicate the production of turbojet engines in Ufa. From previous and rather vague descriptions of the pieces worked on in Ufa, it was inferred that the Jumo-004 type power plant was seen in Ufa. The fact [REDACTED] of the report indicates an eight-stage axial compressor and eight combustion chambers supports this assumption, although the Jumo-004 is fitted with only six combustion chambers. The daily output of 15 power plants seems too high for this period. The production of 12-cylinder V-engines in 1946/47 has been confirmed.

1 Annex: sketch on ditto

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